Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 14 Mar 2023 until 23:59 on Wednesday 15 Mar 2023

Forecast Issued on Tuesday 14 Mar 2023 at 03:45

Confidence: High for wintry showers Tuesday, largely settled early Wednesday then unsettled thereafter, but lowering for detail of cloud, transitions and snow levels.

Headline for Tuesday 14 Mar 2023: Wintry showers. Severe wind chill at height in fresh to strong summit winds.

Mountain weather hazards on Tuesday 14 Mar 2023

Blizzards
Low Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Light snow showers	Heavy snow showers	Heavy snow showers	Partly cloudy (night)
Precipitation probability					
10%	10%	30%	70%	60%	10%

Forecast for Tuesday 14 Mar 2023

Weather: A mix of clear then brighter spells mixed with snow showers. Best of the brightness expected for the morning, with showers building for the afternoon. Showers dying away through the evening.

Chance of cloud-free hill tops above 800m: 90% at dawn becoming 60% in the afternoon, but limited prospect of prolonged clear spells given the showery nature of the flow.

Low cloud and visibility: Good or very good becoming poor or very poor in snow showers, virtually nil within cloud with bases lowering 500-700m infrequently for morning, quite frequently for afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 14 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/25 N	25/31 NW	27/36 W	26/34 W	20/26 N	15/18 N	7/9 SW
600	14/20 NW	17/23 W	23/32 W	23/31 W	14/19 N	9/13 N	5/7 SW
300	3/18 N	6/21 NW	11/28 W	11/26 W	6/17 N	4/12 N	2/6 SW
Valley	5/20 N	6/19 W	12/25 W	11/24 W	9/20 N	5/13 N	2/5 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-5/-13	-4/-13	-4/-13	-4/-12	-5/-12	-5/-12	-5/-9
600	-3/-10	-2/-8	-1/-9	-1/-8	-2/-8	-4/-8	-3/-6
300	-1/-3	1/-2	1/-4	1/-3	0/-3	-2/-4	-2/-4
Valley	1/-2	4/1	4/-0	4/-0	3/-1	2/-1	1/-1
Freezing Level*	00m	200m	300m	300m	200m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds and low freezing level bringing severe wind chill.

Forecast for Wednesday 15 Mar 2023

Weather: Largely dry, bright, icy start to Wednesday. Cloud gradually thickening and lowering from the west to bring patchy snow late afternoon, which turns heavier through the evening, also turning erratically to rain at lowest levels towards midnight.

Maximum wind: Variable 15 mph or less becoming southeast 25 mph with gusts 35 mph for the evening.

Chance of cloud-free hill tops above 800m: 90% becoming 60% late afternoon, 10-20% late evening.

Low cloud and visibility: Good or very good becoming poor or very poor in snow, virtually nil within cloud with bases lowering 500-700m infrequently for morning, occasionally for afternoon, then widespread for the evening.

Temperature: **Valleys:** Minus 5 Celsius increasing plus 7 Celsius later in day.
At 800m: Minus 5 Celsius increasing minus 3 Celsius late in day.
Freezing level: 200m or less increasing 400m late in day.

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Ground Conditions Supplement

Date Monday 13 March Location Raise summit at 11:00 Temperature 4.5C Maximum wind speed 50.5mph Wind chill -2.4C Average wind speed: 40.2mph Full report A very wet, windy but relatively warm day on the Lake District fells The affects of the thaw accelerated overnight and the remaining snowpack has been significantly reduced, Many streams and rivers are now in spate which can affect some paths. There are plenty of snow patches still hanging in there as low down as 300m asl. These are generally to be found on N through W aspects and where the snow had drifted behind features, in hollows and sheltered locations. Many popular routes still require you to cross these areas. This evening the wind is forecast to veer to the NE bringing a marked drop in temperatures and extensive snowfall to lower elevations with blizzards on the tops. Any remaining snow patches will quickly refreeze giving hard and icy neve (refrozen snow). These will likely be hidden beneath the fresh snow which will mainly lie on S through W aspects where it has been deposited by the wind. Crampons / microspikes and an ice axe should be carried by anyone venturing onto the fells on Tuesday as, despite plenty of sunshine, conditions underfoot could be very challenging. Goggles will be indispensable where the fresh snow is being moved around on strong N winds. Additionally full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including a torch, map and compass are all essential to safely, and enjoyably, enjoy our spectacular landscape under its winter cloak.

Issued at: 03:45 on Tue 14 Mar 2023

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